

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method of producing a weight-optimized pneumatic tire rim having rotationally-symmetrically partially different wall thicknesses, the steps comprising:

providing a tube section having a first wall thickness and two ~~end~~  
~~side~~terminal ends;

leveling the first wall thickness starting from the two ~~end~~side terminal ends  
over a defined rotationally-symmetrical area thereby forming two flanks by precontouring,  
each of the flanks including one of the terminal ends and each flank having a second wall  
thickness, and pushing tolerance-caused excess material of the flanks into a well base zone  
between the two flanks, the well base zone having a third wall thickness; and

contouring the flanks by pressure rolling while drawing each of the flanks  
toward an ~~end area of each of the flanks~~their respective terminal ends and reducing the  
second wall thickness of each of the flanks partially differently to predetermined  
measurements with respect to the third wall thickness of the well base zone, the contouring  
beginning outside the well base zone; and

wherein the second wall thicknesses vary according to predetermined  
measurements.

2. (Currently Amended) The method according to Claim 1, wherein before the  
leveling of the first wall thickness, the tube section is widened on at least one ~~end side~~of the  
terminal ends.

3. (Previously Presented) The method according to Claim 1, wherein during the  
drawing, the flanks are pressed against a stop.

4. (Previously Presented) The method according to Claim 1, wherein the precontouring of the flanks and leveling of the first wall thickness takes place by rolling.
5. (Previously Presented) The method according to Claim 1, wherein the tolerance-caused excess material of the flanks is utilized to form a third wall thickness of the well base zone.
6. (Currently Amended) The method according to Claim 1, ~~wherein further~~ including a rim well and during the drawing, the rim well is shaped to a final contour.
7. (Currently Amended) The method according to Claim 1, wherein after the drawing, the ~~end area~~ terminal ends of the flanks are finished by shaping rollers.
- 8-16 (Cancelled)
17. (Currently Amended) The method of Claim ~~1~~ 6, wherein the rim well is produced by cold forming.
18. (Previously Presented) The method of Claim 1, wherein the tube section is cylindrical.
19. (New) The method of Claim 1, wherein prior to the contouring, further comprising the step of mounting the tube section into a perform including a pair of opposing stops.
20. (New) The method of Claim 19, wherein after the contouring, the tire rim lies between the opposing stops.